

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

|   |
|---|
| WELL API NO.<br>30-015-32537  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>V-5010-1  |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|   |                                   |  |  |
|---|-----------------------------------|--|--|
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>   |                                   | 7. Lease Name or Unit Agreement Name<br>Esperanza 11 State Com |  |
| b. Type of Completion:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> |                                   | 8. Well No.<br>52  |  |
| 2. Name of Operator<br>Mewbourne Oil Company 14744  |                                   | 9. Pool name or Wildcat<br>Burton Flat Morrow                  |  |
| 3. Address of Operator<br>PO Box 5270, Hobbs, New Mexico 88241  |                                   |  |  |
| 4. Well Location<br>Unit Letter J 1980 Feet From The South Line and 1650 Feet From The East Line<br>Section 11 Township 21S Range 27E NMPM Eddy County  |                                   |  |  |
| 10. Date Spudded<br>02/02/03  | 11. Date T.D. Reached<br>03/05/03 | 12. Date Compl. (Ready to Prod.)<br>03/21/03                   | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3259' GL                                      |
| 14. Elev. Casinghead<br>3259'   |                                   |  |  |
| 15. Total Depth<br>11850'   | 16. Plug Back T.D.<br>11754'      | 17. If Multiple Compl. How Many Zones?                         | 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>11434-11506'   |                                   |  | 20. Was Directional Survey Made<br>No  |
| 21. Type Electric and Other Logs Run<br>DLL, DN w/ GR & CBL   |                                   |  | 22. Was Well Cored<br>No   |

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 13 3/8"     | 48#           | 423'      | 17 1/2"   | 450 sks          | Circl         |
| 8 5/8"      | 32#           | 2630'     | 12 1/4"   | 1300 sks         | Circl         |
| 5 1/2"      | 17#           | 11850'    | 7 7/8"    | 1775 sks         | TOC @ 3506'   |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |        |           |
|------------------|-----|--------|--------------|-------------------|--------|-----------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET |
|                  |     |        |              |                   | 2 7/8" | 11373     |
|                  |     |        |              |                   |        | 11360     |

|   |   |   |
|---|---|---|
| 26. Perforation record (interval, size, and number)<br>11434-11506' .47" EHD. 53 holes. | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|   | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                               |
|   | 11434-11506'                                    | 1500 gals 7 1/2% HCl  |
|   |   | 101,000 gals 70 Quality Binary using 91k # 20/40 Inter-Prop |

| 28. PRODUCTION                    |                       |  |                        |                  |                   |   |                           |
|-----------------------------------|-----------------------|--|------------------------|------------------|-------------------|---|---------------------------|
| Date First Production<br>03/21/03 |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        |                  |                   | Well Status (Prod. or Shut-in)<br>Producing |                           |
| Date of Test<br>03/25/03          | Hours Tested<br>24    | Choke Size<br>48/64  | Prod'n For Test Period | Oil - BbL.<br>2  | Gas - MCF<br>553  | Water - BbL.<br>5                           | Gas - Oil Ratio<br>276500 |
| Flow Tubing Press.<br>430         | Casing Pressure<br>50 | Calculated 24-Hour Rate  | Oil - BbL.<br>2        | Gas - MCF<br>553 | Water - BbL.<br>5 | Oil Gravity - API - (Corr.)<br>49           |                           |

|  |                                |
|--|--------------------------------|
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold | Test Witnessed By<br>L. Pounds |
|--|--------------------------------|

|   |
|---|
| 30. List Attachments<br>Deviation Survey, E-Logs & C104 |
|---|

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature N.M. Young Printed Name N.M. Young Title District Manager Date 03/26/03

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                               |                             |                        |
|--------------------------|-------------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____               | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____ 10268.0       | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____ 10758.0        | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____                 | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____             | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____             | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____              | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____              | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____                | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____          | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____             | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Delaware Sand _____ 3086.0 | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____ 5388.0  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Morrow _____ 11318.0       | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____ 9024.0 | T. Barnett _____ 11720.0      | T. Chinle _____             | T. _____               |
| T. Penn _____            | T. _____                      | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                      | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

OPERATOR: MEWBOURNE OIL CO.  
WELL/LEASE: ESPERANZA 11 ST. COM. 2  
COUNTY: EDDY

045-0008

STATE OF NEW MEXICO  
DEVIATION REPORT

|       |       |        |       |
|-------|-------|--------|-------|
| 165   | 1/2   | 8,722  | 1 1/4 |
| 374   | 1     | 8,817  | 1 1/2 |
| 874   | 1     | 8,973  | 1 3/4 |
| 1,063 | 1/2   | 9,100  | 1 1/2 |
| 1,346 | 1     | 9,323  | 1 1/4 |
| 1,736 | 2     | 9,543  | 1 1/4 |
| 1,893 | 1     | 9,798  | 1 1/4 |
| 2,304 | 3/4   | 10,268 | 1 1/4 |
| 2,589 | 1/4   | 10,800 | 1 1/2 |
| 3,151 | 1/4   | 11,100 | 3/4   |
| 3,633 | 1/4   | 11,582 | 1     |
| 4,113 | 1/4   | 11,850 | 1     |
| 4,558 | 3/4   |        |       |
| 5,101 | 1 1/4 |        |       |
| 5,613 | 1 1/4 |        |       |
| 6,094 | 2 1/4 |        |       |
| 6,190 | 2 1/4 |        |       |
| 6,318 | 2 3/4 |        |       |
| 6,478 | 2 1/2 |        |       |
| 6,623 | 2 1/2 |        |       |
| 6,767 | 2 3/4 |        |       |
| 6,895 | 2 3/4 |        |       |
| 7,065 | 2 1/2 |        |       |
| 7,201 | 1 1/2 |        |       |
| 7,314 | 1     |        |       |
| 7,569 | 1/2   |        |       |
| 8,018 | 1 1/2 |        |       |
| 8,179 | 1 1/2 |        |       |
| 8,306 | 2 1/4 |        |       |
| 8,432 | 2 1/2 |        |       |
| 8,561 | 2     |        |       |



By: *Steve Moore*

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 13th day of March, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

*Joni D. Hodges*  
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

